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| SUBSTITUTE FORM PTO-1449<br>(MODIFIED)  |  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |  | ATTY. DOCKET NO.<br>NOR/1006 |  | SERIAL NO.<br>09/886,895     |  |
| FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br>(Use several sheets if necessary) |  |  |  | APPLICANT<br>Carl N. Baron   |  | FILING DATE<br>June 21, 2001 |  |
| (37 CFR 1.98(b))  |  |  |  | GROUP<br>2157                |  |                              |  |

  

| U.S. PATENT DOCUMENTS |               |               |          |                  |          |                            |         |  |  |  |  |
|-----------------------|---------------|---------------|----------|------------------|----------|----------------------------|---------|--|--|--|--|
| EXAMINER INITIAL      | PATENT NUMBER | ISSUE DATE    | PATENTEE | CLASS            | SUBCLASS | FILING DATE IF APPROPRIATE |         |  |  |  |  |
|                       | A.A           | 4 3 4 8 1 4 2 | 09/1982  | Figour           | 414      | 2                          | 03/1980 |  |  |  |  |
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|                       | A.C           | 4 8 8 8 7 0 8 | 12/1989  | Brantmark et al. | 364      | 513                        | 06/1983 |  |  |  |  |
|                       | A.D           | 4 9 8 3 8 1 8 | 01/1991  | Knowles          | 235      | 472                        | 01/1989 |  |  |  |  |
|                       | A.E           | 5 0 6 3 3 7 6 | 11/1991  | Chang            | 340      | 706                        | 05/1989 |  |  |  |  |
|                       | A.F           | 5 1 6 7 7 1 4 | 12/1992  | Gimben et al.    | 118      | 688                        | 09/1989 |  |  |  |  |
|                       | A.G           | 5 2 1 8 3 0 5 | 08/1993  | Lunzer           | 324      | 457                        | 11/1991 |  |  |  |  |
|                       | A.H           | 5 2 6 7 1 8 1 | 11/1993  | George           | 364      | 709.12                     | 11/1989 |  |  |  |  |
|                       | A.I           | 5 2 9 4 7 8 2 | 03/1994  | Kumar            | 235      | 462                        | 09/1991 |  |  |  |  |
|                       | A.J           | 5 3 8 1 9 6 2 | 01/1995  | Teague           | 239      | 526                        | 12/1993 |  |  |  |  |
|                       | A.K           | 5 4 3 2 5 1 0 | 07/1995  | Matthews         | 341      | 20                         | 03/1993 |  |  |  |  |

  

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| DOCUMENT NUMBER  | PUBLICATION DATE | COUNTRY OR PATENT OFFICE | CLASS   | SUBCLASS       | TRANSLATION (YES/NO) |        |     |
|  | A.L              | DE 3802802 A1            | 08/1988 | Germany        | G06F                 | 15/02  | No  |
|  | A.M              | DE 8806214.7             | 04/1989 | Germany        | G06C                 | 5/02   | No  |
|  | A.N              | EP 0 303 708 A1          | 02/1989 | EPO            | B25J                 | 9/22   | Yes |
|  | A.O              | EP 0 310 958 A1          | 04/1989 | EPO            | B25J                 | 13/02  | Yes |
|  | A.P              | EP 1 263 167 A1          | 12/2002 | EPO            | H04L                 | 12/28  | Yes |
|  | A.Q              | GB 2 204 426 A           | 11/1988 | United Kingdom | G05B                 | 19/405 | Yes |

  

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|---|--|
| A.R   |  |
| A.S   |  |
| A.T   |  |

  

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| EXAMINER<br>INITIAL   |     | PATENT NUMBER |   |   |   |   |   | ISSUE<br>DATE | PATENTEE | CLASS          | SUBCLASS | FILING DATE<br>IF APPROPRIATE |         |
| <i>PHU</i>            | B.A | 5             | 4 | 8 | 2 | 5 | 5 | 6             | 01/1996  | Shutic et al.  | 118      | 621                           | 09/1993 |
|                       | B.B | 5             | 5 | 6 | 6 | 0 | 4 | 2             | 10/1996  | Perkins et al. | 361      | 228                           | 06/1995 |
|                       | B.C | 5             | 6 | 6 | 0 | 3 | 3 | 4             | 08/1997  | Trusty et al.  | 239      | 691                           | 01/1995 |
|                       | B.D | 5             | 7 | 9 | 0 | 4 | 0 | 1             | 08/1998  | Shields        | 364      | 191                           | 12/1995 |
|                       | B.E | 5             | 9 | 3 | 8 | 2 | 1 | 6             | 08/1999  | Weng           | 280      | 47.38                         | 08/1998 |
|                       | B.F | 6             | 0 | 2 | 1 | 7 | 9 | 9             | 02/2000  | Price          | 137      | 102                           | 02/1999 |
| <i>PHU</i>            | B.G | 6             | 1 | 3 | 4 | 1 | 0 | 2             | 10/2000  | Worn et al.    | 361      | 680                           | 07/1996 |
|                       | B.H | 6             | 5 | 0 | 0 | 2 | 6 | 2             | 12/2002  | Bednarz et al. | 118      | 696                           | 10/2000 |
|                       | B.I |               |   |   |   |   |   |               |          |                |          |                               |         |
|                       | B.J |               |   |   |   |   |   |               |          |                |          |                               |         |
|                       | B.K |               |   |   |   |   |   |               |          |                |          |                               |         |

  

| FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS |     |                    |                     |                             |       |          |                         |
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|  |     | DOCUMENT<br>NUMBER | PUBLICATION<br>DATE | COUNTRY OR<br>PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION<br>(YES/NO) |
| <i>PHU</i>   | B.L | JP 3-3787          | 01/1991             | Japan                       | B25J  | 13/06    | No                      |
|  | B.M | WO 00/07741        | 02/2000             | WIPO                        | B05B  | 12/00    | Yes                     |
| <i>PHU</i>   | B.N | WO 01/71878 A1     | 09/2001             | WIPO                        | H02J  | 1/00     | Yes                     |
|  | B.O | WO 02/18060 A1     | 03/2002             | WIPO                        | B05B  | 12/08    | Yes                     |
| <i>PHU</i>   | B.P | WO 02/078913 A1    | 10/2002             | WIPO                        | B25J  | 9/00     | Yes                     |
|  | B.Q | WO 03/036324 A1    | 05/2003             | WIPO                        | G01S  | 5/14     | Yes                     |

  

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| C.A                   |               |               |          |       |          |                               |  |
| C.B                   |               |               |          |       |          |                               |  |
| C.C                   |               |               |          |       |          |                               |  |
| C.D                   |               |               |          |       |          |                               |  |
| C.E                   |               |               |          |       |          |                               |  |
| C.F                   |               |               |          |       |          |                               |  |
| C.G                   |               |               |          |       |          |                               |  |
| C.H                   |               |               |          |       |          |                               |  |
| C.I                   |               |               |          |       |          |                               |  |
| C.J                   |               |               |          |       |          |                               |  |
| C.K                   |               |               |          |       |          |                               |  |

  

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| DOCUMENT<br>NUMBER                                       | PUBLICATION<br>DATE | COUNTRY OR<br>PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION<br>(YES/NO) |  |  |
| C.L  | WO 03/072316 A1     | WIPO                        | B25J  | 13/02    | Yes                     |  |  |
| C.M  | WO 87/04275         | WIPO                        | G05B  | 15/02    | Yes                     |  |  |
| C.N  | WO 95/12843         | WIPO                        | G06F  | 3/023    | Yes                     |  |  |
| C.O  |                     |                             |       |          |                         |  |  |
| C.P  |                     |                             |       |          |                         |  |  |
| C.Q  |                     |                             |       |          |                         |  |  |

  

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